COMMERCIAL BAKERIES

Commercial bakery manufacturers need systems that provide quality assurance, food safety, and traceability all while managing intricate recipes. That requires a lot out of a plant floor – things like accurate labeling, precise measurements, version control, and more. To achieve these goals, successful commercial bakery manufacturers benefit from the modern technology solutions delivered in the Plex Smart Manufacturing Platform.

Control Inventory

Real-time information from Plex streamlines inventory with integrated barcoding and ingredient labeling. Specific label information such as country of origin and shipping data are tied to ingredient traceability across the supply chain. Any format or symbology required by customers is also available. The barcoding capability in Plex is designed to meet GS1 barcode and data standards and facilitates the sharing of GS1 data via EDI.

Improve Quality

Built-in quality management in Plex allows complete visibility into processes, supply chain inventory, and labor tracking records across the plant floor. Processing is tied to the HACCP plan. Users manage quality control steps, scheduling, and inventory control by tracking containers, lots, ingredients, and raw materials as they flow through the bakery processing steps. Compliance is documented and managed, making manufacturers responsive to FSMA, HACCP, SQF, BRC, IFS, and ISO 22000.

Enhance Traceability

One-up, one-back traceability with Plex gives commercial bakery manufacturers the real-time information needed to trace ingredients from start to finish. This system provides complete manufacturing genealogy for each item created and can generate "traceability trees" for real-time audits and reporting. Plus, integrated recipe management tracks all the necessary data in user-definable and convertible units of measure. That includes a history of previous recipe versions while documenting expiration and effective dates.

COMMERCIAL BAKERIES

The Plex Smart Manufacturing Platform offers a range of solutions that can help fulfill any commercial bakery's needs:

Plex Manufacturing Execution Suite (MES) is a comprehensive manufacturing software solution that provides real-time, paperless production management to drive enterprise-wide compliance, quality, and efficiency.

Plex Enterprise Resource Planning (ERP) is a full-featured, scalable, cloud-based ERP that automates front- and back-office processes.

Plex Quality Management System (QMS) is a cloud-based digital quality solution for manufacturers that standardizes and automates quality documentation, processes, and measurements.

Plex DemandCaster Supply Chain Planning (SCP) combines data from multiple departments across your business to sync up demand and supply forecasting to improve inventory accuracy and production management.

Plex Production Monitoring provides seamless connectivity to machines on the plant floor, delivering transparent, real-time operational KPIs and dashboards to drive continuous improvements.

Plex MES Automation & Orchestration connects your Plex MES to the plant edge to control information flow, processes, and workcenter setup adding efficiency, saving costs, and eliminating manual errors.

Plex Asset Performance Management (APM) combines process, operational, and machine-level data through highly visual dashboards to proactively monitor machine and plant health to ensure optimal uptime, throughput, and maintenance needs.